

IN THE CLAIMS

The following claim listing replaces all previous versions, and listings, of the claims in the present application:

1. (currently amended) An endoscope comprising:

a treatment instrument channel; and

an endoscopic spraying instrument comprising:

a liquid supplying tube configured to pass liquid therethrough and further configured to be removably inserted into the treatment instrument channel;

a rotatably guiding groove disposed at a leading end side of the supplying tube and configured to rotate the liquid about a central axis[[:]];

a liquid rotating chamber disposed at a leading end side of the rotatably guiding groove, the liquid rotating chamber configured to rotate the liquid therein;

a spray nozzle formed in a leading end wall of the liquid rotating chamber and configured to discharge the liquid from the liquid rotating chamber; and

an annular, protruded wall spaced outwardly from an outer periphery of the spray nozzle, the wall protruded forwardly from and surrounding an exit of the spray nozzle, wherein a wall surface extending between the outer periphery of the spray nozzle and the annular, protruded wall is defined by one of a tapered surface and a curved, concave surface.

2. (canceled)

3. (previously presented) The endoscope of claim 1, wherein a wall surface extending between the outer periphery of the spray nozzle and the annular, protruded wall is defined by a planar

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surface perpendicular to an axis of the spray nozzle.

4. (previously presented) The endoscope of claim 1, wherein a wall surface of the annular, protruded wall is parallel to an axis of the spray nozzle.

5. (previously presented) The endoscope of claim 1, wherein a wall surface of the annular, protruded wall is defined by a forwardly spread surface or a forwardly constricted surface.

6. (canceled)

7. (canceled)

8. (canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (canceled)

13. (canceled)

14. (canceled)

15. (canceled)

16. (canceled)

17-28. (not entered)

29. (currently amended) The endoscope of claim 1, wherein the liquid ~~supply~~ supplying tube is substantially coaxial with the spray nozzle.

30. (canceled)

31. (canceled)